PYTHON TRAINING

Module/ Focus Area	Key Topics Covered
Foundations & Syntax	• Introduction to Python & development environments (IDLE, VS Code) • Variables, naming conventions, and data types (integers, floats, strings, Booleans) • Basic input/output operations and type casting • Arithmetic and logical operators
Control Flow & Functions	• Conditional statements (if, elif, else) • Iteration and loops (for, while, break, continue) • Defining and calling functions, arguments, and return values • Introduction to error handling (try, except)
Data Structures & Mini-Project	• Working with Lists, Tuples, Dictionaries, and Sets • Basic file reading and writing (open, read, write) • Practical Caposity/Mini-Project: Building a basic automation script or calculator tool • Q&A and course Wrap-up

6 staff members
3 days